2019 CERTIFICATION

Consumer Confidence Report (CCR)

	North Lee County Water Sys	t Association
-W11	Public Water Sys	om Name 041 04100 42 04100 42 04100 44
	List PWS ID #s for all Community Wa	ter Systems included in this CCR
The a Co must	Federal Safe Drinking Water Act (SDWA) requires each Composition of the Confidence Report (CCR) to its customers each year, the mailed or delivered to the customers, published in a news test. Make sure you follow the proper procedures when distributed in a copy of the CCR and Certification to the MSDH. Please	nunity Public Water System (PWS) to develop and distribute Depending on the population served by the PWS, this CCR paper of local circulation, or provided to the customers upon uting the CCR. You must email, fax (but not preferred) or check all boxes that apply.
	Customers were informed of availability of CCR by: (A	ttach copy of publication, water bill or other)
	☐ Advertisement in local paper (Atta	ch copy of advertisement)
	☐	
	☐ Email message (Email the messag	e to the address below)
	Date(s) customers were informed: 7 / /2020	7/30/2020 / /2020
П	CCR was distributed by U.S. Postal Service or othe methods used	er direct delivery. Must specify other direct delivery
	Date Mailed/Distributed://	* ē
	CCR was distributed by Email (Email MSDH a copy)	
	□ As a URL	(Provide Direct URL)
	☐ ☐ As an attachment	a
	☐ As text within the body of the ema	il message
	CCR was published in local newspaper. (Attach copy of	f published CCR <u>or</u> proof of publication)
	Name of Newspaper:	
	Date Published:/_/	
	CCR was posted in public places. (Attach list of location	
Ø	CCR was posted on a publicly accessible internet site a	t the following address:
To excitato fast	north lee water ors lassed	t the following address:
I her abov	RTIFICATION breby certify that the CCR has been distributed to the customers we and that I used distribution methods allowed by the SDWA. I correct and is consistent with the water quality monitoring data pr lealth, Bureau of Public Water Supply	further certify that the information included in this CCR is true
Nan	me/Title (Board President, Mayor, Owner, Admin. Contact, etc.)	Date
1 (44)	Submission options (Sele	ct one method ONLY)
	Mail: (U.S. Postal Service) MSDH, Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215	Email: water.reports@msdh.ms.gov Fax: (601) 576 - 7800 **Not a preferred method due to poor clarity **

CCR Deadline to MSDH & Customers by July 1, 2020!

2019 Annual Drinking Water Quality Report North Lee County Water Association PWS#: 410001, 410024, 410025, 410035, 410040, 410041, 410042, 410044 May 2020

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to providing you with information because informed customers are our best allies. Our water source is from wells drawing from the Eutaw. Lower Eutaw. Eutaw-McShan and Gordo Formation Aquifers.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the North Lee Water Association have received moderate rankings in terms of susceptibility to contamination.

If you have any questions about this report or concerning your water utility, please contact Dustin Hathcock at 662.869.1223. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at any of our regularly scheduled meetings. They are held on the second Thursday of the month at 7:00 PM at the Birmingham Ridge Fire Department located at 947 CR 1948, Saltillo, MS. Your CCR will not be mailed out to each individual customer, however you may obtain a copy by calling the office at 662.869.1223.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2019. In cases where monitoring wasn't required in 2019, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) — The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

Level 1 assessment: A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

PWS ID # 4	10001			TEST RESU				
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination

10. Barium	N	2019	.087	No Rnage	F	opm	2		Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2019	1.7	No Range	F	opb	100	11	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2015/17	7* .4	0	5	opm	1.3	AL=1	 .3 Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2019	ੁ117	No Range	ı	opm	4		4 Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2015/17	7* 0	0	í	opb	0	AL=	15 Corrosion of household plumbing systems, erosion of natural deposits
Disinfecti	ion By-	Product	. S	No Range	ppb	1 0		60	By-Product of drinking water
01.11245	"	2019	J	No Nange	ррь				disinfection.
Chlorine	N	2019	1.3	.3 – 2	mg/l	0	MRI	DL = 4	Water additive used to control microbes
Unregula	ted Co	ntamina	nts						
Sodium	N	2019	34000	No Range	PPB	NONE		NONE	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.

PWS ID#	410024			TEST RE	ESU.	LTS				
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Determined # of Sample Exceeding MCL/ACL/MF	es J	Unit Measure -ment	MC	CLG	MCL	Likely Source of Contamination
Inorganic (Contam	inants						.,		
8. Arsenic	N	2019	.6	.56		ppb		n/a		10 Erosion of natural deposits; runo from orchards; runoff from glass and electronics production waste
10. Barium	N	2019	.1405	.08831405		ppm		2		 Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2015/17*	.5	0		ppm		1.3	AL=1	1.3 Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2019	.108	£105108		ppm		4		4 Erosion of natural deposits; wate additive which promotes strong teeth; discharge from fertilizer ar aluminum factories
17. Lead	N	2015/17*	1	0		ppb		0	AL=	 Corrosion of household plumbing systems, erosion of natural deposits
Disinfectio	n By-Pi	roducts								
82. TTHM [Total trihalomethanes]			4.23	No Range	ppb		0		80	By-product of drinking water chlorination.
Chlorine				1 – 2.5	mg/l		0	MR	DL = 4	Water additive used to control microbes
Unregulate	ed Cont	aminan	ts							
Sodium	N	2019	32000	27000 - 32000	PPB	NO	NE		NONE	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents

	# 410025	5			TEST R	ESU	LTS				
Contaminant	Violatio Y/N	n Date Collec	- 1	Level Detected	Range of Det # of Samp Exceedir MCL/ACL/N	oles ng	Unit Measure -ment	MCLG	MC	L	Likely Source of Contamination
Inorgan	nic Contar	ninant	S								
10. Barium	N	2019		.1099	No Range		ppm		2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromiun	n N	2019		1.6	No Range		ppb	100) 1	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2015/1	7*	.3	0		ppm	1.3	3 AL=	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2015/1	7*	0	0		ppb) AL=	=15	Corrosion of household plumbing systems, erosion of natural deposits
		_	_								
Volatile	Organic	Contai	nina	ants							
Volatile 76. Xylenes	Organic	Contai	nina	ants .001871	No Range		ppm	10		10	Discharge from petroleum factories; discharge from chemical factories
76. Xylenes		2018			No Range		ppm	10)	10	factories; discharge from
76. Xylenes Disinfec	N	2018		,001871	No Range	ppb	ppm	0	60	Ву	factories; discharge from chemical factories -Product of drinking water
76. Xylenes	etion By-P	2018	ts	.001871		ppb	ppm			By dis	factories; discharge from chemical factories
Disinfec 81. HAA5 82. TTHM [Total trihalometha nes] Chlorine	etion By-P	2018 Product 2019 2019	13 5.9	.001871	lo Range		ppm	0 0	60	By dis By ch	factories; discharge from chemical factories -Product of drinking water infectionproduct of drinking water
Disinfec 81. HAA5 82. TTHM [Total trihalometha nes] Chlorine	etion By-P	2018 Product 2019 2019	13 5.9	.001871	lo Range lo Range	ppb	ppm	0 0	60	By dis By ch	factories; discharge from chemical factories -Product of drinking water infectionproduct of drinking water orination. ater additive used to control

PWS ID#	110000			TEST RESU				
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Radioactiv	e Conta	minants						
6. Radium 226	N	2018*	.15	No Range	pCi/L	0	5	Erosion of natural deposits
Inorganic (Contam	inants						
8. Arsenic	N	2019	1.2	No Range	ppb	n/a	10	Erosion of natural deposits; runot from orchards; runoff from glass and electronics production waste
10. Barium	N	2019	.2633	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2015/17*	.4	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood
								preservatives

									additive which promotes strong teeth; discharge from fertilizer ar aluminum factories	
17. Lead	N	2015/1	7* 1	0	1	opb	0	AL=	15 Corrosion of household plumbing systems, erosion of natural deposits	
Disinfect	ion By-	Product	ts							
81. HAA5	N	2018*	1	No Range	ppb	(60	By-Product of drinking water disinfection.	
Chlorine	N	2019	.7	.4 – 1	mg/l	(MF	RDL = 4	Water additive used to control microbes	
Unregula	ted Co	ntamina	ants							
Bromide	N	2018	610	530 - 610	UG/L				Naturally-occurring element found in the earth's crust and at low concentrations in seawater, and in some surface and ground water; cobaltous chloride was formerly used in medicines and as a germicide	
Manganese	N	2018	72	37 - 72	UG/L				Naturally-occurring element; commercially available in combination with other elements and minerals; used in steel production, fertilizer, batteries and fireworks; drinking wat and wastewater treatment chemicals essential nutrient	
Sodium	N	2019	53000	No Range	PPB	NONE		NONE	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.	

PWS ID#				TEST RE			ř	- 1			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detect # of Samples Exceeding MCL/ACL/MRI	s N	Unit /leasure -ment	MCI	_G	MCL	l	Likely Source of Contamination
Inorganic	Contam	inants									
8. Arsenic	N	2019	.6	No Range	р	pb		n/a		f	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2019	.1576	No Range	p	pm		2		0	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2015/17*	.3	0	p	pm		1.3	AL=1	8	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2015/17*	1	0	р	pb		0	AL=	8	Corrosion of household plumbing systems, erosion of natural deposits
Disinfecti	on By-Pı	oducts									
Chlorine	N	2019 1	.1	3 – 1.2	mg/l		0	MRD)L = 4		er additive used to control robes
Unregula	ted Cont	aminant	S								
Sodium				lo Range	PPB	NO	NE	N	ONE	Che	d Salt, Water Treatment micals, Water Softeners and age Effluents.

PWS ID#4	10041			TEST RESU	LTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination

6. Radium 226 Radium 228	N	2018*		.60 .56	No Range		pCi/L		0		5 I	Erosion of natural deposits
Inorganic (Conta	minant	S									
8. Arsenic	N	2019		3.3	1 – 3.3		ppb		n/a		1	Erosion of natural deposits; runof from orchards; runoff from glass and electronics production waste
10. Barium	N	2019		.2516	.23852516		ppm		2		- 1	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2019		1	No Range		ppb		100	1		Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2017/1	9	.4	0		ppm		1.3	AL='		Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2019		157	.151157		ppm		4		1	Erosion of natural deposits; wate additive which promotes strong teeth; discharge from fertilizer an aluminum factories
17. Lead	N	2017/1	9	1	0		ppb		0	AL=	:	Corrosion of household plumbing systems, erosion of natural deposits
Disinfection	n By-	Product	S		-							
81. HAA5	N	2018*	1		No Range	ppb		0		60		Product of drinking water nfection.
82. TTHM [Total trihalomethanes]	N	2018*	4		No Range	ppb		0		80		product of drinking water rination.
Chlorine	N	2019	1		.3 – 2.1	mg/l		0	MRI	DL = 4	1	er additive used to control
Unregulate	d Co	ntamina	nts									
Sodium	N	2019		000	No Range	PPB	N	ONE		NONE	Che	d Salt, Water Treatment micals, Water Softeners and rage Effluents.

PWS ID#4	410042			TEST R	ESU	LTS				
Contaminant	Violation Y/N	Date Collected	Level Detecte	J	les ig	Unit Measure -ment		CLG	MCL	Likely Source of Contamination
Inorganic (Contam	inants								
10. Barium	N	2019	.1234	No Range		ppm		2		Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2017/19	.2	0		ppm		1.3	AL=1.	3 Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2017/19	1	0		ppb		0	AL=1	5 Corrosion of household plumbing systems, erosion of natural deposits
Disinfection	n By-P	roducts								· · · · · · · · · · · · · · · · · · ·
82. TTHM [Total trihalomethanes]	N	2018*	5.94	No Range	ppb		0			By-product of drinking water chlorination.
Chlorine	N	2019	1	.4– 2.10	mg/l		0	MRI		Water additive used to control microbes
Unregulate	d Cont	aminan	its							
Sodium	N	2019	19000	No Range	PPB	NC	NE		- 1	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects # of Samples Exceeding MCL/ACL/MRDL	Or Unit Measure -ment	MCLC	G MCI		Likely Source of Contamination
Inorganic (Contam	inants							
10. Barium	N	2017*	.1488	No Range	ppm		2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2017/19	.1	0	ppm	1	,3 AL=	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2017*	.133	No Range	ppm		4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2017/19	2	0	ppb		0 AL=	=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2017*	1.5	No Range	ppb	!	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Disinfection	n By-Pı	oducts							
82. TTHM [Total trihalomethanes]			.65 N	o Range p	b	0	80		product of drinking water orination.
Chlorine	N	2017* 1	.3	s – 1.85 m	g/l	0 1	MRDL = 4	1	iter additive used to control crobes

^{*} Most recent sample. No sample required for 2019.

We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During 2019, our system North Lee #4 Macedonia (MS041035), did not receive a test kit to monitoring or test for Nitrate/Nitrite. We were required to take 1 sample and took 0. Therefore we cannot be sure of the quality of your drinking water during that time. This caused our system to have a monitoring violation. The sample will be taken by 12/31/2020 and our system will be returned to compliance.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk, More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800,426,4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The North Lee County Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

RETURN THIS STUB WITH PAYMENT TO: PRESORTED NORTH LEE COUNTY WATER ASSOCIATION FIRST CLASS MAIL 1004 BIRMINGHAM RIDGE ROAD - SALTILLO, MS 38068 U.S. POSTAGE PAID SERVICE ADDRESS 662-869-1223 · nlewa@att.net PERMIT NO. 4 137 HIGHLAND RIDGE DE BALTILLO, MS Pay bill at northleewater.org PAY NET AMOUNT ON OR BEFORE DUE DATE PAY GROSS AMOUNT AFTER DUE DATE 166055 2991 NET AMOUNT . CHARGE FOR SERVICES CCR Report northleewater.org/ assets/file/ccr2019.pdf WTR. 17.70 SWR RETURN SERVICE REQUESTED 15.00 NET DUE >>> 32.70 011000284 SAVE THIS >> 5.00 TOMMY & ANN GALLOWAY GROSS DUE >> 37,70 137 HIGHLAND RIDGE DR SALTILLO, MS 38866 see important notice on Back of Bill

Bill to Go out

7-30-20